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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/774,774	02/09/2004	Xiangtao Gao	1094-48	8839
	7590 08/08/2007 <b>BARRESE</b> , LLP		EXAMINER	
333 EARLE O	VINGTON BLVD.		DANG, THUAN D	
SUITE 702 UNIONDALE,	NY 11553		ART UNIT	PAPER NUMBÉR
ONIONDINEE,	, 1(1 11333		1764	
•			MAIL DATE	DELIVERY MODE
			08/08/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No.	Applicant(s)		
		10/774,774	GAO ET AL.		
		Examiner	Art Unit		
		Thuan D. Dang	1764		
The MAILING DATE of this cor Period for Reply	nmunication appe	ears on the cover sheet w	with the correspondence add	dress	
A SHORTENED STATUTORY PERI WHICHEVER IS LONGER, FROM T  - Extensions of time may be available under the proafter SIX (6) MONTHS from the mailing date of the If NO period for reply is specified above, the maxing the second for reply within the set or extended period for the Any reply received by the Office later than three in earned patent term adjustment. See 37 CFR 1.70	HE MAILING DA' ovisions of 37 CFR 1.136 is communication. mum statutory period will or reply will, by statute, conths after the mailing of	TE OF THIS COMMUN 6(a). In no event, however, may a I apply and will expire SIX (6) MC ause the application to become	IICATION.  a reply be timely filed  DNTHS from the mailing date of this co		
Status					
<ol> <li>Responsive to communication(2a) This action is FINAL.</li> <li>Since this application is in conclosed in accordance with the part of the part of</li></ol>	2b)⊠ This a dition for allowand	action is non-final. ce except for formal ma		merits is	
Disposition of Claims					
4) Claim(s) 1-22 is/are pending in 4a) Of the above claim(s)  5) Claim(s) is/are allowed.  6) Claim(s) is/are rejected.  7) Claim(s) is/are objected.  8) Claim(s) 1-22 are subject to resolved.	_ is/are withdrawi to. striction and/or eld	ection requirement.			
9) The specification is objected to 10) The drawing(s) filed on is Applicant may not request that any Replacement drawing sheet(s) inc 11) The oath or declaration is objective.	s/are: a) ☐ accep	oted or b) objected to awing(s) be held in abeya n is required if the drawin	ince. See 37 CFR 1.85(a). g(s) is objected to. See 37 CF		
Priority under 35 U.S.C. § 119					
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>					
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Rev  3) Information Disclosure Statement(s) (PTO/SI		Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application 		

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## Election/Restrictions

This application contains claims directed to the following patentably distinct species: alkylation of paraffin with olefin, alkylation of aromatic with olefin and transalkylation (alkylation of aromatic with another aromatic). The species are independent or distinct because they are different classified, 585/722, 585/467, and 585/475, correspondingly.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claim 1 is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37) CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and

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specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan D. Dang whose telephone number is 571-272-1445. The examiner can normally be reached on Mon-Thu.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Caldarola can be reached on 571-272-1444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thuan D. Dang Primary Examiner Art Unit 1764

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